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PTO/SB/82 (09-03)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY

Application Number	10/840,057
Filing Date	May 6, 2004
First Named Inventor	John M. Mulloy et al.
Art Unit	3748
Examiner Name	Unknown
Attorney Docket	29716676558

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number: 23643

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number: 23643

OR

☐ Firm or Individual Name

Address

Address

City

Country

State

ZIP

Telephone

Fax

I am the:

☐ Applicant/Inventor

☒ Assignee of record of the entire interest. See 37 CFR 3.71
Statement under 37CFR 3.73(b) is enclosed (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name

J. BRUCE SCAEROPH

Signature

Date

1/5/05

Telephone

317 610 2462

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Cummins, Inc.

Application No./Patent No.: 10/840,057 Filed/Issue Date: May 6, 2004

Entitled: **METHOD OF CONTROLLING THE EXHAUST GAS TEMPERATURE FOR AFTER-TREATMENT SYSTEMS ON A DIESEL ENGINE USING A VARIABLE GEOMETRY TURBINE**

Cummins, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document (s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

John H. Allie
Signature

January 17, 2005
Date

John H. Allie
Printed or Typed Name

317-261-7944
Telephone number

Attorney for Assignee
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, John M. Mulloy of 1212 Bitterwood Court, Columbus, Indiana, 47201; John F. Parker of 6 Elm Court, Highburton, West Yorkshire, Huddersfield, HD8 0TB, United Kingdom; and Sam Pringle of 910 Baywood Ct., Columbus, Indiana, hereinafter referred to as Assignors, have made one or more new and useful inventions in **METHOD OF CONTROLLING THE EXHAUST GAS TEMPERATURE FOR AFTER-TREATMENT SYSTEMS ON A DIESEL ENGINE USING A VARIABLE GEOMETRY TURBINE** for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Cummins Inc., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 500 Jackson Street, Columbus, Indiana, 47202, desires to acquire all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application entitled **METHOD OF CONTROLLING THE EXHAUST GAS TEMPERATURE FOR AFTER-TREATMENT SYSTEMS ON A DIESEL ENGINE USING A VARIABLE GEOMETRY**

TURBINE, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuation-in-parts thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

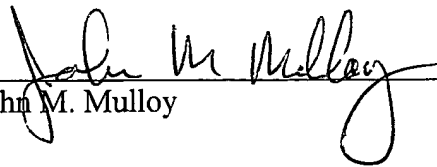
Assignors acknowledge that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignors hereby authorize the Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

- (a) Execution Date of the Application: October 28, 2004; November 15, 2004;
October 29, 2004
- (b) Patent Office Number for the Application: 10/840,057
- (c) Filing date of the Application: May 6, 2004

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

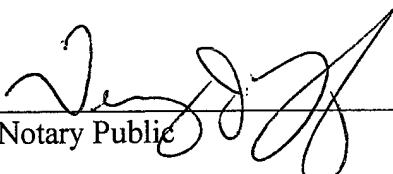
WITNESS First Assignor's hand this 28th day of October, 2004.


John M. Mulloy

STATE OF INDIANA)
COUNTY OF BARTHOLOMEW): ss

Before me, a Notary Public, in and for said County and State, personally appeared John M. Mulloy, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 28th day of OCTOBER, 2004.


Notary Public

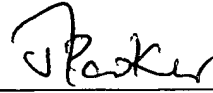
Printed: TERRY J. NEFF

Resident of JACKSON County

My Commission Expires:

APRIL 18, 2012

WITNESS Second Assignor's hand this 15 day of November, 2004.



John F. Parker

Witness:



15-11-04

WITNESS Third Assignor's hand this 29 day of October, 2004.

S. Pringle

Sam Pringle

STATE OF INDIANA)
) : ss
COUNTY OF BARTHOLOMEW)

Before me, a Notary Public, in and for said County and State, personally appeared Sam Pringle, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 29th day of OCTOBER, 2004.

Terry J. Neff
Notary Public

Printed: TERRY J. NEFF

Resident of JACKSON County

My Commission Expires:

APRIL 18, 2012